

**California Senate Bill 375
Greenhouse Gas Reduction
Target-Setting
Public Workshops**

**California Air Resources Board
July 14, 2010
Sacramento, CA**

**Sustainable Communities and Climate
Protection Act of 2008**

- Landmark legislation aligns regional planning for transportation, housing and greenhouse gases
- Implementation and policy decision-making remain at local level
- Supports California's climate goals

Benefits of Better Planning

- Livable communities
- Healthier lifestyles
- Conserving natural resources
- Lower costs for families and government
- A more sustainable future

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Senate Bill 375 Basics

- Regions design sustainable communities strategies as part of normal planning process
- To help guide regional efforts, ARB sets targets
- Targets will be revised over time

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SB 375 Builds on Positive Actions

- Virtually all the MPO regions have participated in blueprint growth scenario planning
 - Continue work as conveners at the local level
- Cities are updating General Plans and developing Climate Action Plans for sustainability
 - Many excellent examples already on the ground

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Proposed Draft Targets

Metropolitan Planning Organizations

The map shows the following MPOs in California: SUTRA, SOAC, SACOG, MPO, SACOG, MTC, SACOG, SACOG, SACOG, MTC, MTC, MTC, COCOS, TCAO, SOCO, KOOO, SOAO, and SIRCAG.

Percent of Statewide Population and Passenger Vehicle GHG Emissions

Category	Percentage
4 largest MPOs	83%
8 SJV MPOs	10%
6 other MPOs	5%
Non-MPOs	2%

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MPO and ARB Collaboration and Scenario Development

- MPO staff initiated a coordinated effort for data exchange and regional scenario development
- Discussions focused on:
 - Policy descriptions and deployment levels (e.g. transit, land use, system/demand management, pricing)
 - Travel cost and RTP revenue assumptions
 - Regional similarities and differences across MPOs

Approach for 2020 Targets

- Recognize factors such as:
 - Time needed to change land use form and transportation infrastructure
 - Economic recovery
 - Improvements in transportation efficiency
 - Near-term forecasts

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Challenge of 2035 Targets

- Forecasting challenges
 - Regional development of long-term vision takes time, resources, and commitment
 - Modeling issues
- Near-term additional work underway
 - Placeholder ranges for July workshops
 - MPOs work continues
- Long-term effort needed for target revision in 4 years

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MPO Alternative Scenario Data

- Many MPOs submitted quantitative data
- Looked at impacts of individual strategies and combined strategies
- Examples of strategies tested:
 - Increased compact development
 - Expansion of transit network
 - Jobs-housing balance
 - Pricing

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Four Large MPOs - 2020 Targets

Percent Reduction in Per Capita Emissions from 2005 to Target Year

REGION	2020
Bay Area Region	5-10%
Sacramento Region	
San Diego Region	
Southern California Region	

Percent reduction numbers do not include emission reductions expected from Pavley and LCFS measures.

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Four Large MPOs - 2035 Scenario Results

Percent Reduction in Per Capita Emissions from 2005 to 2035

REGION	2035
Bay Area Region:	3 - 12%
Sacramento Area Region:	13 - 17%
San Diego Region:	5 - 19%
Southern California Region:	3 - 12%

Percent reduction numbers do not include emission reductions expected from Pavley and LCFS measures.

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San Joaquin Valley Placeholder Target Considerations

- Limited technical data
- Targets should reflect a reduction in per capita emissions -- not an increase
- Based on submitted data, initial placeholder range is 1 to 7 percent reduction for both 2020 and 2035

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Remaining 6 MPO Regions

- Butte, Monterey Bay Area, San Luis Obispo, Santa Barbara, Shasta, Tahoe
- Targets set at each MPOs most current projected emissions for 2020 and 2035

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Next Steps

- Continued collaboration with MPO staff on technical work
- Release of staff proposal in early August
- Board consideration in late September

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Thank you for attending this workshop.

For more information, please contact:

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Submit your comments at:

<http://www.arb.ca.gov/cc/sb375/comments.htm>

View all public comments at:

[http://www.arb.ca.gov/lispub/comm/
bccommlog.php?listname=senbill375](http://www.arb.ca.gov/lispub/comm/bccommlog.php?listname=senbill375)